

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

- Please amend claim 43;
- Please cancel claim 54; and
- Please add new claim 55.

Listing of Claims:

Claims 1-42 CANCELED

43. (CURRENTLY AMENDED) A medical device comprising:

a substrate having an outer surface; and

a composite coating on said outer surface including a plurality of layers which are comprised of:

a first metal layer; and

a second metallic composite layer comprising a metal and at least one therapeutic material wherein said therapeutic material is selected from the group consisting of rapamycin (sirolimus), rapamycin (sirolimus) analogs, paclitaxel, paclitaxel derivatives, growth factors, heparin, aspirin, tetracycline, dexamethasone, des-aspartate angiotensin I, tachykinins, sialokinins, apocynin, siRNA, pleiotrophin, exochelins, and combinations thereof.

44. (ORIGINAL) The medical device according to claim 43 wherein the first metal layer is electroplated on the outer surface of the substrate.

45. (ORIGINAL) The medical device according to claim 43 wherein the metal comprising said first metal layer is selected from the group of metals consisting of nickel, cobalt, copper, gold, silver, platinum, chromium, palladium, and molybdenum.

46. (ORIGINAL) The medical device according to claim 43 wherein the substrate is a metal or a metal alloy.

47. (ORIGINAL) The medical device according to claim 46 wherein the substrate is a metal alloy selected from the group consisting of stainless steel, cobalt-chromium, nickel-titanium, platinum-iridium, and niobium-zirconium.

48. (ORIGINAL) The medical device according to claim 43 wherein the substrate is a stent.

49. (ORIGINAL) The medical device according to claim 43 wherein the least one therapeutic material in said second metallic composite layer comprising a substance which is more radiopaque relative to the substrate.

50. (ORIGINAL) The medical device according to claim 43 further comprising a top layer over the second metallic composite layer.

51. (ORIGINAL) The medical device according to claim 50 wherein said top layer is a metallic layer.

52. (ORIGINAL) The medical device according to claim 51 wherein said top layer is a polymeric material.

53. (ORIGINAL) The medical device according to claim 43 wherein the least one therapeutic material in said second metallic composite layer comprising at least one biologically active substance.

54. (CANCELED)

55. (NEW) The medical device according to claim 43 wherein said therapeutic material is non-radioactive.